1	1. A signal-repeating device control arrangement for use in a facility having different
2	types of user-controllable devices that are co-located with respective user-interface units in
3	various zones of the facility and that provide user-selectable information to the user, the
4	respective user-interface units providing input selectors for controlling operation of the
5	user-controllable devices, the signal-repeating device control arrangement comprising:
6	a user-interface control device having a user interface for receiving inputs from a
7	user and having a transceiver for sending data wirelessly in response to the user inputs and
8	for receiving data;
9	for use in communicating with the zone-located user-controllable devices, a signal-
10	repeating base-station including
11	a base-station transceiver adapted to communicate data with the user-
12	interface control device, and
13	a data-routing circuit adapted respond to the user inputs received via the
14	base-station transceiver by sending designated groups of digital data sets to
15	manipulate operation of at least one of the different types of user-controllable
16	devices.

- 1 2. The signal-repeating device control arrangement of claim 1, wherein the user-
- 2 interface control device further having a display for communicating user data in response
- 3 to data received from the signal-repeating base-station.
- 1 3. The signal-repeating device control arrangement of claim 2, wherein the display of
- 2 the user-interface control device is a touch-panel display.
- 1 4. The signal-repeating device control arrangement of claim 1, wherein the display of
- 2 the user-interface control device is a touch-panel display.

- 1 5. The signal-repeating device control arrangement of claim 1, wherein the transceiver
- 2 of the user-interface control device is further adapted to communicate bi-directionally and
- 3 wirelessly with the base-station transceiver.
- 1 6. The signal-repeating device control arrangement of claim 1, wherein the data-
- 2 routing circuit includes a data processor that is programmable for controlling operation of
- 3 the signal-repeating base-station and further includes a data-input circuit for downloading
- 4 certain programming data.
- 1 7. The signal-repeating device control arrangement of claim 6, wherein the certain
- 2 programming data is configuration data.
- 1 8. The signal-repeating device control arrangement of claim 6, wherein the certain
- 2 programming data is program-execution code for execution by the data processor.
- 1 9. The signal-repeating device control arrangement of claim 1, wherein the data-
- 2 routing circuit includes a programmable data processor that is adapted and programmed to
- 3 emulate communication with the user-controllable devices, the communication being
- 4 otherwise provided by at least one of the zone-located user-interface units.
- 1 10. The signal-repeating device control arrangement of claim 9, wherein the data-
- 2 routing circuit communicates with at least one of the user-controllable devices via infrared
- 3 signaling.
- 1 11. The signal-repeating device control arrangement of claim 1, wherein the data-
- 2 routing circuit communicates with at least one of the user-controllable devices via infrared
- 3 signaling.

- 1 12. The signal-repeating device control arrangement of claim 1, wherein the data-
- 2 routing circuit includes a programmable data processor that is adapted and programmed to
- 3 emulate communication with the user-controllable devices, the communication being
- 4 otherwise provided by at least one of the zone-located user-interface units, and further
- 5 including a data-routing switch that is adapted to communicatively and selectively couple
- 6 data between selected ones of the different types of user-controllable devices and the
- 7 programmable data processor.
- 1 13. The signal-repeating device control arrangement of claim 12, wherein the data is
- 2 communicatively coupled between the data-routing switch and the programmable data
- 3 processor via infrared circuits located and arranged with the data-routing switch and the
- 4 signal-repeating base-station, respectively.

1	14. A signal-repeating device control arrangement for use in a facility having different
2	types of user-controllable devices that are co-located with respective user-interface units in
3	various zones of the facility and that provide user-selectable information to the user, the
4	respective user-interface units providing input selectors for controlling operation of the
5	user-controllable devices, the signal-repeating device control arrangement comprising:
6	a user-interface control device having a user interface for receiving inputs from a
7	user, having a transceiver for sending data wirelessly in response to the user inputs and for
8	receiving data, and having a programmable configuration for providing user control over
9	the different types of user-controllable devices;
10	for use in communicating with the zone-located user-controllable devices, a signal-
11	repeating base-station including
12	a base-station transceiver adapted to communicate data with the user-
13	interface control device,
14	a data-routing circuit adapted respond to the user inputs received via the
15	base-station transceiver by sending designated groups of digital data sets to
16	manipulate operation of at least one of the different types of user-controllable
17	devices, and
18	a data port adapted to download information for configuring both the signal-
19	repeating base-station and, via the base-station transceiver, for configuring the user-
20	interface control device.